

group consisting of an N-terminal domain, a catalytic domain, and a C-terminal region;

or

[encodes a polypeptide having the full length amino acid sequence set forth in Figure 5 except that it lacks at least one, but no more than two, of the domains selected from the group consisting of the extracellular domain, the transmembrane domain, and the SHP-2 binding domain;]

(e) is the complement of the nucleotide sequence of (d)[- (h);

encodes a polypeptide having the amino acid sequence set forth in Figure 1 from amino acid residues 1-58, 59-294, or 295-453;

encodes a polypeptide having the amino acid sequence set forth in Figure 4 from amino acid residues 1-182, 183-470, or 471-499 of mCLK2;

encodes a polypeptide having the amino acid sequence set forth in Figure 4 from amino acid residues 1-176, 177-473, or 474-496 of mCLK3;

encodes a polypeptide having the amino acid sequence set forth in Figure 4 from amino acid residues or 1-183, 184-486, or 486-489 of mCLK4; and

the complement of the nucleotide sequence of (j)-(m)].

Please cancel claims 21-27 without prejudice to or disclaimer of the subject matter contained therein.

REMARKS

The claims have been amended to remove unelected subject matter.

Applicants hereby elect, with traverse, to prosecute the claims encompassed by Group I, claims 1-8 and 18-20, drawn to nucleic acids encoding a protein tyrosine phosphatase. Further, with respect to the requirement by the Examiner to elect between


polypeptides that are "structurally distinct" in paragraph 3 on pages 4-5 of the Office Action, Applicants elect, with traverse, the polypeptide group of species number 3, a BDP1 polypeptide.

CONCLUSION

Applicants believe that the claims are now in condition for allowance and a notice to that effect is respectfully requested. If any fee is due in conjunction with the present amendment, please charge Lyon & Lyon Deposit Account No. 12-2475 for the appropriate amount. Should the Examiner believe that a telephone interview would aid in the prosecution of this application, Applicants encourage the Examiner to call the undersigned collect at (619) 552-8400.

Respectfully submitted,

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